

BRUHAT BENGALURU MAHANAGARA PALIKE

MODIFIED SCHEDULE-B

Name of work: Additional Developmental Works to Telgu School in Chowdeshwari Ward no-02.

Sl No.	Description of work	Unit	Quantity	Rate Quoted by the Contractor Approved Rates Sri B.B Umesha	
				Rate	Rate In Words
1	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification. do - minimum width of 1200mm (gang saw water cut) Ground Floor	Sqm	246.81	2235.59	Two thousand two hundred thirty five and fifty nine paise
2	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification. do - minimum width of 1200mm (gang saw water cut) First Floor	Sqm	263.61	2235.59	Two thousand two hundred thirty five and fifty nine paise
3	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification. do - minimum width of 1200mm (gang saw water cut) Second Floor	Sqm	260.58	2235.59	Two thousand two hundred thirty five and fifty nine paise
4	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar. MORTH Specification No. 202 KSRRB M200-14.2. -do- Dismantling brick/Tile work B. In cement mortar.	Cum	10.32	1732.01	One thousand seven hundred thirty two and one paise

5	KSRB 2.2.6 : Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in hard rock by chiselling and / or wedging where blasting is prohibited, not excluding 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m including cost of labour, HOM complete as per specifications	Cum	~~108.50~~	489.41	Four hundred eighty nine and forty one paise
6	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete		4.45		
	Up to 125%	Cum	~~3.80~~	2647.61	Two thousand six hundred forty seven and sixty one paise
	Above 125%	Cum	~~0.65~~	2657.69	Two thousand six hundred fifty seven and sixty nine only
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2		21.64		
	Up to 125%	Cum	~~16.53~~	5561.18	Five thousand five hundred sixty one and eighteen paise
	Above 125%	Cum	~~5.11~~	5582.34	Five thousand five hundred eighty two and thirty four paise only
8	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	~~4.34~~	5807.52	Five thousand eight hundred seven and fifty two paise
9	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6	Cum	~~20.27~~	5009.64	Five thousand nine and sixty four paise

	8.5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6	Cum	~~3.21~~	6545.45	Six thousand five hundred forty five and forty five paise
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	44.92		
	Up to 125%	Cum	~~22.28~~	219.09	Two hundred nineteen and nine paise
	Above 125%	Cum	~~22.64~~	219.92	Two hundred nineteen and ninety two paise only
12	Conveying the excavated earth, debris etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 133, Item No 17.4	Cum	~~47.18~~	179.85	one hundred seventy nine and eighty five paise
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	~~97.83~~		
	Up to 125%	Sqm	~~90.30~~	281.22	Two hundred eighty one and twenty two paise
	Above 125%	Sqm	~~7.53~~	282.29	Two hundred eighty two and twenty nine paise only
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	~~35.92~~	390.22	Three hundred ninety
15	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	~~34.43~~	497.04	Four hundred ninety seven and four paise
16	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2		47.41		

	Up to 125%	Sqm	~~45.75~~	~~439.27~~	Four hundred thirty nine and twenty seven paise
	Above 125%	Sqm	~~1.66~~	~~498.93~~	Four hundred ninty eight and ninty three paise only
17	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	~~4.20~~	~~479.6~~	Four hundred seventy nine and six paise
18	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. Specifications No. KBS 4.6.2 - do - 0 to 5 mts	Sqm	~~67.71~~	~~822.95~~	Eight hundred twenty two and ninety five paise
19	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggretes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	~~28.00~~	6589.05	Six thousand five hundred eighty nine and five paise
	Up to 125%	Cum	~~26.43~~	~~6589.05~~	Six thousand five hundred eighty nine and five paise
	Above 125%	Cum	~~1.58~~	~~6359.19~~	Six thousand three hundred fifty nine and nineteen paise only
20	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggretes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6		5.05		

	Up to 125%	Cum	~~4.89~~	~~6589.05~~	Six thousand five hundred eighty nine and five paise
	Above 125%	Cum	~~0.16~~	6359.19	Six thousand three hundred fifty nine and nineteen paise only
21	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed Cement concrete M-25	Cum	~~10.64~~	5933.96	Five thousand nine hundred thirty three and ninety six paise
22	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3	tonne	~~5.60~~	77352.94	Seventy seven thousand three hundred fifty two and ninety four paise
23	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m ³ having a minimum average compressive strength of 5.00 N/mm ² confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 do - with solid concrete blocks of size 400x200x200mm	Sqm	~~108.90~~	994.08	Nine hundred ninety four and eight paise
24	KSRB 5-15: Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No 5.4	Sqm	~~67.70~~	883.99	Eight hundred eighty three and ninety nine paise
25	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as specifications. KSRB15-3.8 : - do - cement mortar 1:4 Up to 125%	Sqm	~~292.00~~	284.49	Two hundred eighty four and forty nine paise

	15.3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.2 : - do - cement mortar 1:4	Sqm	37.90		
	Up to 125%	Sqm	~~16.42~~	~~222.36~~	Two hundred twenty two and thirty six paise
	Above 125%	Sqm	~~21.48~~	246.18	Two hundred forty six and eighteen paise only
27	KSRB 15.3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.2 : - do - cement mortar 1:4	Sqm	~~51.50~~	222.36	Two hundred twenty two and thirty six paise
28	KSRB15-5 : Providing rough cement plastering 15mm thick in single coat with cement mortar to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-5.1 : - do - cement mortar 1:4	Sqm	~~175.70~~	240.89	Two hundred forty and eighty nine paise
29	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification (a) 100% for fresh surface		89.30		
	Up to 125%	Sqm	~~82.63~~	34.88	Thirty four and eighty eight paise
	Above 125%	Sqm	~~6.70~~	85.34	Eighty five and thirty four paise
30	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. do- with primer		89.30		
	Up to 125%	Sqm	~~66.20~~	98.1	Ninety eight and one paise
	Above 125%	Sqm	~~23.10~~	98.47	Ninety eight and forty seven paise only

	15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. do- with primer up to 125%	Sqm	~~292.00~~	111.18	One hundred eleven and eighteen paise
32	KSRB 14 9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping, under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt), including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4	Sqm	~~45.10~~	687.79	Six hundred eighty seven and seventy nine paise
33	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.	Sqm	~~29.00~~	1239.33	One thousand two hundred thirty nine and thirty three paise
34	KSRB 14.14-5: Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Specification No. KBS do_ for Ceramic Tiles of size 30x30cms 6mm thick	Sqm	~~17.30~~	1318.9	One thousand three hundred eighteen and nine paise
35	KSRB 14-17.2 : Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No. KBS 14.16, 14.17 Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms	Sqm	~~188.16~~	1778.88	One thousand seven hundred seventy eight and eighty eight paise

36	KSRB 9-27 : Fixing of frames in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. KSRB 9-27.1 : - do - Fixing of door frame	Nos	2.00	1487.85	One thousand four hundred eighty seven and eighty five paise
37	KSRB 9.4-1 : Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33 KSRB 9.4-2 : - do - Honne wood frames	Cum	0.09	95488.36	Ninety five thousand four hundred eighty eight and thirty six paise
38	KSRB 9.5 : Providing and fixing in position fully panelled wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 KSRB 9.5-2 : - do - Honne wood	Sqm	3.78	5146.98	Five thousand one hundred forty six and ninety eight paise
39	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isophthalic Gelcoat and Isophthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations for high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.	Mtr	68.40	490.5	Four hundred ninety and five paise

40	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isophthalic Gelcoat and one layer of 450 gms E-Glass Chopped Strand Mat (CSM), impregnated with orthophthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m³ shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 36mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confirmation to IS 4020-1994. The finish of shutter will be plain coulor White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot.	Sqm	~~18.90~~	4142	Four thousand one hundred forty two
41	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications	Sqm	~~3.00~~	97.01	Ninety seven and one paise
42	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO₂(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm. Maximum possible size – 1000mm x1000mm.	Sqm	~~4.05~~	4248.82	Four thousand two hundred forty eight and eighty two paise
43	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12	Kg	~~113.40~~	103.55	one hundred three and fifty five paise

15-18.2	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	~~5.40~~	105.73	One hundred five and seventy three paise
45	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids, cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @ 0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification	Sqm	~~104.35~~	573.34	Five hundred seventy three and thirty four paise
46	KSRRB M300-53. Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305	Cum	~~27.87~~	354.25	Three hundred fifty four and twenty five paise
47	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the topn cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.	Nos	~~8.00~~	3283.08	Three thousand two hundred eighty three and eight paise

	12-6.1 : Providing 20mm square M.S footrest and fixing in hole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6	Nos	4.00	300.84	Three hundred and eighty four paise
49	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. 2.1.1 Short point upto 3Mtr from tapping point to out let via switch	Point	3.00	174.4	One hundred seventy four and four paise
50	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. 2.1.2 Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Point	3.00	299.75	Two hundred ninety nine and seventy five paise
51	Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick	Rmt	25.00	70.85	Seventy and eighty five paise
52	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 2mm thick	Rmt	15.00	57.77	Fifty seven and seventy seven paise
53	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25mm dia 2mm thick	Rmt	20.00	58.86	Fifty eight and eighty six paise

56	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way	Each	~~34.00~~	41.42	Forty one and forty two paise
57	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4-5Way	Each	~~34.00~~	56.68	Fifty six and sixty eight paise
58	Supplying 6A flush type socket and 6 amps flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 3654 6Amps 3/5 Way	Nos	~~52.00~~	77.39	Seventy seven and thirty nine paise
59	Supplying and mounting 2 Nos. of 2 way 6 amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flush mounted wooden box and wiring as per IS 1293	Each	~~25.00~~	239.8	Two hundred thirty nine and eight paise
60	Supplying and fixing of bakelite D.P /SOCKET/SWITCH with /without neon indicator over existing wood board or flush mounting in plastic plates /nitches as per is1293 16AMPS Cobined switch and socket	Nos	~~4.00~~	359.7	Three hundred fifty nine and seven paise
61	Wiring for lighting/power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with lowconductor resistance single core in open orconceaedsystem of wiring with specified IS-694:confirming to latest amendments. 1.5 sqmm	Rmt	~~231.20~~	125.35	One hundred twenty five and thirty five paise
62	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with lowconductor resistance single core in open or concealedsystem of wiring with specified IS-694:confirming to latestamendments. 2.5 sqmm	Rmt	~~221.00~~	132.98	One hundred thirty two and ninety eight paise
63	Supplying And Fixing Metal Fan Box with Round Hook.	Each	~~5.00~~	370.6	Three hundred seventy and six paise
64	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure. 12Way SP &N	Nos	~~2.00~~	261.6	Two hundred sixty one and six paise
65	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-32 Amps DP	Nos	~~2.00~~	206.01	Two hundred six and one paise

	Supplying, fixing, wiring, earth electrode for grounding conduits, conduits and other equipment's on the meter board using 25mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	Nos	1.00	168.95	One hundred sixty eight and ninety five paise
65	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.	Mtr	50.00	70.85	Seventy and eighty five paise
66	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.	Each	2.00	981	Nine hundred eighty one
67	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Fluorescent Tube. 1 x 4' Tube light fitting.	Nos	54.00	239.8	Two hundred thirty nine and eight paise
68	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.	Each	22.00	1962	One thousand nine hundred sixty two
69	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	12.00	5402.04	Five thousand four hundred two and four paise
70	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Unit	7.00	3432.41	Three thousand four hundred thirty two and forty one paise

11-9.2 : Providing and fixing white vitreous china clay, flat or half stall urinal basin of size 580x380x350mm in the wall with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps, C.I. trap with outlet grating and other couplings in C.P. brass painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Unit	~~7.00~~	11973.65	Eleven thousand nine hundred seventy three and sixty five paise
KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Unit	~~2.00~~	1238.24	One thousand two hundred thirty eight and twenty four paise
KSRB 11-17-1 : Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications	Unit	~~6.00~~	734.66	Seven hundred thirty four and sixty six paise
4 Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	~~26.00~~	163.5	One hundred sixty three and five paise
75 KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. KSRB 13-8.9 : -do- 110mm	Mtr	~~25.00~~	542.82	Five hundred forty two and eighty two paise
76 KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. KSRB 13-8.9 : -do- 160mm	Mtr	~~35.00~~	683.43	Six hundred eighty three and forty three paise

77	12-8.1 : Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.— do — 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x600mm	Nos	~~3.00~~	9254.1	Nine thousand two hundred fifty four and one paise
78	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No. KBS 13 22	Each	~~2.00~~	2180	Two thousand one hundred eighty
79	KSRB13-6.1 : Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications do - 20 mm dia nominal bore	Each	~~25.00~~	196.2	One hundred ninety six and two paise
80	KSRB13-6.2 : Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications do - 20 mm dia nominal bore	Each	~~15.00~~	163.5	One hundred sixty three and five paise
81	KSRB13-6.3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. 20 mm dia nominal bore	Each	~~2.00~~	926.5	Nine hundred twenty six and five paise
82	Providing and fixing chlorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 20mm nominal OD pipes	Mtr	~~45.00~~	239.8	Two hundred thirty nine and eight paise

83	Providing and fixing chlorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 25mm nominal OD pipes	Mtr	~~35.00~~	261.6	Two hundred sixty one and six paise
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For SMLP Asphalts

Proprietor


Executive Engineer
Yalahanka division
B.B.M.P., Bangalore